

# Ryann N. Shelton, Ph.D.

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## Professional Experience

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2021–Current	Lecturer, EdD in Learning and Organizational Change Program, Baylor University.
2019–2021	Visiting Full-Time Lecturer, Department of Curriculum and Instruction, Baylor University.
2016–2019	Teacher of Record, Department of Curriculum and Instruction, Baylor University. Graduate Assistant, Department of Curriculum and Instruction, Baylor University. Graduate Assistant, Online Teaching and Learning Services, Baylor University.
2014–2016	Mathematics Instructional Specialist, Waco High School in Waco, Texas.
2013–2014	Mathematics Teacher, James E. Taylor High School in Katy, Texas.
2009–2013	Mathematics Teacher, Colleyville Heritage High School in Colleyville, Texas.

## Academic Degrees

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Ph.D.	Baylor University, Curriculum and Teaching, Cognate in Mathematics Education, May 2020. Dissertation: <i>An Examination of Designing and Planning for the Teaching of Secondary Mathematics Methods Courses through the Lens of Mathematics Teaching Practices: A Multiple Case Study</i> , Defended December 2019.
M.Ed.	Texas A&M University, Curriculum and Instruction, May 2013.
B.A.	Texas A&M University, Mathematics, December 2008.

## Teaching Certifications

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2017	Mathematics Grades 4–8, Texas Standard Teaching Certificate.
2008	Mathematics Grades 8–12, Texas Standard Teaching Certificate.

## Program Development

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2017–2018	Co-Developer, Designing for Online Teaching Success (DOTS), Baylor University. Doctoral student program focused on designing and teaching online courses.
2016–2017	Program Coordinator, Math for Early Learners Academy (MELA), Baylor University. Summer program offered in partnership with Waco ISD and Mayborn Museum.
2009–2013	Co-Founder, Panther Enrichment Program (PEP), Colleyville Heritage High School. Science and mathematics summer program for incoming freshmen.

**Publications, Peer-Reviewed**

- Smith, J., Wersé, N. R., **Shelton, R. N.**, Jones Davis, B. K., Kaul, C. R., & Howell, L. (2024). Collaborative advising: How faculty advisors and writing center professionals help online EdD students thrive throughout the dissertation process. *Impacting Education: Journal on Transforming Professional Practice*, 9(4), 25–30. <https://doi.org/10.5195/ie.2024.428>
- Valdez, J., & **Shelton, R. N.** (2024). *Promoviendo el repertorio lingüístico*—Exploring the automatic and controlled thought processes of mathematics dual language teachers in a west Texas elementary school: An overview. *Journal of Mathematics Teacher Education in Texas*, 14(1), 3–6.
- Kaul, C. R., Wersé, N. R., Smith, J., **Shelton, R. N.**, Jones Davis, B. K., Howell, L., Sanguras, L. Y., & Crocker Papadakis, L. K. (2024). Exploring doctoral writing self-efficacy and apprehension in a dissertation writing course. *International Journal of Doctoral Studies*, 19(6), 1–21. <https://doi.org/10.28945/5308>
- Wilkerson, T. L., & **Shelton, R. N.** (2023). Mathematics teachers' beliefs about which practices they implement: A q-sort analysis. *Investigations in Mathematics Learning*, 15(4), 331–347. <https://doi.org/10.1080/19477503.2023.2253077>
- McCall, M., **Shelton, R. N.**, Crowley, B. N., & Ritter, K. (2023). Doctoral student perceptions of a project-based learning approach in an instructional design course. *Impacting Education: Journal on Transforming Professional Practice*, 8(3), 1–9. <https://doi.org/10.5195/ie.2023.366>
- Shelton, R. N.**, Donham, M. P., Kerschen, K., & Wilkerson, T. L. (2023). Preservice teacher identification and confrontation of critical issues in mathematics education using a vignette activity sequence. *Connections*, 32(4). <https://amte.net/connections/2023/05/preservice-teacher-identification-and-confrontation-critical-issues-mathematics>
- Smith, J., **Shelton, R. N.**, Scholten, N., & McCall, M. (2023). Secondary preservice teachers' critical reflecting practices: Examining perceptions of confidence using a two-part reflection. *School-University Partnerships*, 16(1), 56–70. <https://doi.org/10.1108/SUP-01-2023-0001>
- Shelton, R. N.**, Rogers, R. M., & Wilkerson, T. L. (2023). Preservice teachers' perceptions of a practice-focused lesson study. *International Journal for Lesson and Learning Studies*, 12(3), 214–225. <https://doi.org/10.1108/IJLLS-11-2022-0168>
- Gonzales, J., Ritter, K., & **Shelton, R. N.** (2022). Considerations for challenges with STEM standards alignment in the middle grades. *School Science and Mathematics*, 122(7), 381–385. <https://doi.org/10.1111/ssm.12550>  
\*In top 10% of SSMJ articles downloaded in its first 12 months of publication among work published in 2022.
- Shelton, R. N.**, Rogers, R. M., Painter, L., & Wilkerson, T. L. (2022). Mentor teacher, university faculty, and preservice teachers: Partners in lesson study. *Journal of Mathematics Teacher Education in Texas*, 12(2), 4–6.
- Cooper, S., **Shelton, R. N.**, Padgett, N., Crowley, B. N., Kerschen, K., & Donham, M. P. (2022). The impact of a summer intervention focused on foundational concepts of early number sense for early learners. *Investigations in Mathematics Learning*, 14(3), 199–214. <https://doi.org/10.1080/19477503.2022.2073120>
- Shelton, R. N.**, Kerschen, K., & Wilkerson, T. L. (2021). The examination of a vignette activity sequence in a secondary mathematics methods course. *School Science and Mathematics*, 121(1), 2–12. <https://doi.org/10.1111/ssm.12445>
- Shelton, R. N.**, Kerschen, K., & Wilkerson, T. L. (2020). Investigating teachers' understanding of mathematical practices and mathematics teaching practices using a vignette activity sequence in a professional development setting. *School-University Partnerships*, 13(2), 38–46.
- Shelton, R. N.**, Kerschen, K., & Cooper, S. (2020). The impact of a varied field experience on preservice teachers' perceptions of their personal growth: A summer mathematics academy for early learners. *The Teacher Educator*, 55(1), 28–46. <https://doi.org/10.1080/08878730.2019.1618424>

- Shelton, R. N.** (2018). Pursuing prime numbers: Discovery in productive struggle. *Texas Mathematics Teacher*, 64(2), 12–13.
- Wilkerson, T. L., Kerschen, K., & **Shelton, R. N.** (2018). Preservice teachers' critical connections to effective mathematical teaching practices: An instructional approach using vignettes. *Action in Teacher Education*, 40(4), 358–373. <https://doi.org/10.1080/01626620.2018.1512430>
- Kerschen, K., Cooper, S., **Shelton, R. N.**, & Scott, L. (2018). The impact of a summer mathematics academy on rising kindergartners' understanding of early number concepts. *Journal of Research in Childhood Education*, 32(4), 419–434. <https://doi.org/10.1080/02568543.2018.1497738>
- Shelton, R. N.** (2018). Immersed in mathematics: Left asking the right questions. *Journal of Mathematics Teacher Education in Texas*, 8(2), 3–5.
- Shelton, R. N.** (2018). A recipe for limits and infinity. *Mathematics Teacher*, 111(4), 320.

### **Conference Proceedings and Abstracts, Peer-Reviewed**

- Tilden, L. M., & **Shelton, R. N.** (2023). The path to teaching emergency medical services: A multiple case study of paramedic educators' preparatory experiences. In *Prehospital Care Research Forum*. PCRFR.
- Shelton, R. N.**, Kerschen, K., Cooper, S., Wilkerson, T. L., & Rogers, R. M. (2023). Exploring mathematics preservice teachers' strengths in small-group instruction during a summer field experience. In R. Hammack & B. Cory (Eds.), *Proceedings of the 121st Annual Convention of the School Science and Mathematics Association* (Vol. 10). SSMA.
- Kerschen, K., **Shelton, R. N.**, & Cooper, S. (2020). The impact of a summer mathematics academy on students' early number sense: A two-year case study. In R. Brandl & J. Herron (Eds.), *Proceedings of the 119th Annual Convention of the School Science and Mathematics Association* (Vol. 7). SSMA.
- Shelton, R. N.** (2020). Focusing on teaching practices in secondary mathematics methods courses. In J. Cribbs & H. Marchionda (Eds.), *Proceedings of the 47th Annual Meeting of the Research Council on Mathematics Learning*. RCML.
- Shelton, R. N.**, Kerschen, K., Wilkerson, T. L., & Rogers, R. M. (2018). Beliefs and practices: Studying the impact of professional development for inservice mathematics teachers. In L. Venenciano & A. Redmond-Sanogo (Eds.), *Proceedings of the 45th Annual Meeting of the Research Council on Mathematics Learning*. RCML.
- Kerschen, K., **Shelton, R. N.**, & Wilkerson, T. L. (2017). Developing preservice teachers' understanding of effective mathematical teaching practices using vignettes. In M. J. Mohr-Schroeder & J. N. Thomas (Eds.), *Proceedings of the 116th Annual Convention of the School Science and Mathematics Association* (Vol. 4). SSMA.
- Cooper, S., Kerschen, K., & **Shelton, R. N.** (2017). Abstract for: Summer math academy for early learners: Varied field experiences for preservice teachers. *LINK: Online Journal of the Association of Mathematics Teacher Educators in Texas*, 7(2), 10.

### **Publications, Invited**

- Smith, J., & **Shelton, R. N.** (2024). Guest editorial: Introduction to the special issue on cross-institutional professional development. *School-University Partnerships*, 17(2), 101–102. <https://doi.org/10.1108/SUP-07-2024-052>
- Shelton, R. N.** (2023). Letter from the CTCTM vice president for college and university: Spring 2023. *Central Texas Council of Teachers of Mathematics Newsletter: Spring 2023*, 6.

- Shelton, R. N.** (2022). Sharing your research: An opportunity for growth and engagement in your field. *EdD-LOC News: EdD in Learning and Organizational Change Newsletter*, 4(1), 9–10.
- Shelton, R. N.** (2022). Letter from the CTCTM vice president for college and university: Fall 2022. *Central Texas Council of Teachers of Mathematics Newsletter: Fall 2022*, 5.
- Shelton, R. N.** (2022). Letter from the CTCTM vice president for college and university: Spring 2022. *Central Texas Council of Teachers of Mathematics Newsletter: Spring 2022*, 7.
- Shelton, R. N.** (2021). Letter from the CTCTM vice president for college and university: Fall 2021. *Central Texas Council of Teachers of Mathematics Newsletter: Fall 2021*, 6.
- Shelton, R. N., Wong, J., & Walton, A.** (2019). On the cover: Find mathematics at the zoo. *Texas Mathematics Teacher*, 65(2), 20–21.
- Crowley, B. N., & **Shelton, R. N.** (2018). On the cover: Find mathematics in butterflies. *Texas Mathematics Teacher*, 64(1), 21–22.

### **Book Chapters and Book Contributions**

- Macbeth, A., & Shelton, R. N. (In press, 2025). College athletes: Stigma around mental health concerns and related support systems. In K. Gorman & K. Brennan (Eds.), *A university-wide approach to changing campus cultures of mental illness stigma*. Springer Nature.
- Shelton, R. N., Kerschen, K., Crowley, B. N., & Cooper, S.** (In press). Building a collaborative partnership to support early learners in mathematics during a summer experience at a museum. In M. A. Huntley, C. Suurtamm, & D. Thompson (Eds.), *International perspectives on mathematics outreach*. Information Age Publishing.
- Kerschen, K., **Shelton, R. N., & Wilkerson, T. L.** (In press, 2025). Using vignettes to highlight the importance of eliciting and using evidence of student thinking. In D. Polly, E. Garin, & C. Martin (Eds.), *Clinically based teacher education in action: Cases from mathematics teacher educators*. Information Age Publishing.
- Newberry, C. M., & Shelton, R. N. (2024). Remote learning and equitable services: A review of the impact of COVID-19 school closures on special education teachers and students. In P. M. Davies (Ed.), *Global perspectives on online education during a time of emergency: Conditions, contexts and critiques* (pp. 161–173). Vernon Press.
- Rogers, R. M., **Shelton, R. N., & Wilkerson, T. L.** (2024). The study step: Building preservice teachers' knowledge in content and pedagogy. In S. Dotger, G. Matney, J. Heckathorn, K. Chandler-Olcott, & M. Fox (Eds.), *Lesson study with mathematics and science preservice teachers: Finding the form* (pp. 59–67). Routledge. <https://doi.org/10.4324/9781003326434-8>
- Shelton, R. N., Wersé, N. R., & Davis, B. K.** (2023). Scaffolding the research process: Mitigating imposter syndrome before the dissertation. In C. Benedetti & A. Covarrubias (Eds.), *Teaching critical inquiry and applied research: Moving beyond traditional methods* (pp. 19–34). Myers Education Press.
- Clanton, T., Shelton, R. N., & Franz, N. (2023). Thriving despite the odds: A review of literature on the experiences of Black women at predominately White institutions. In E. Meletiadou (Ed.), *Handbook of research on exploring gender equity, diversity, and inclusion through an intersectional lens*. IGI Global. <https://doi.org/10.4018/978-1-6684-8412-8.ch020>
- Reiss, S. (2022). *Praxis middle school mathematics* (4th ed.). (S. Rush & **R. N. Shelton, Eds.**). Research & Education Association.
- O'Connell, J., Rush, S., & Schwartz, S. (2022). *Praxis core: Academic skills for educators: Reading, writing, and mathematics* (3rd ed.). Research & Education Association. Acknowledgment as Mathematics Accuracy Checker (p. vii).
- Friedman, M. (2021). *TEXES mathematics 7–12 (235)*. (**R. N. Shelton, Ed.**). Research & Education Association.

- Cavallo, A. M. L., Allmond, K., Curtis, M. D., Gawlik, C., Hulings, M., & Seminson, P. (2019). *TexES core subjects 4–8 (211)*. Research & Education Association. Acknowledgment as Mathematics Accuracy Checker (p. xii).
- O’Connell, J., & Rush, S. (2019). *Praxis core: Reading, writing, and mathematics* (2nd ed.). Research & Education Association. Acknowledgment as Mathematics Accuracy Checker (p. vii).
- Wilkerson, T. L., Kerschen, K., & **Shelton, R. N.** (2018). Coaching lessons from the field. In M. B. McGatha, J. M. Bay-Williams, B. M. Kobett, & J. A. Wray. *Everything you need for mathematics coaching: Tools, plans, and a process that works for any instructional leader, grades k–12* (p. 252). Corwin.
- Wilkerson, T. L. (2018). *TEXES mathematics 4–8 (115)* (2nd ed.). Research & Education Association. Acknowledgment as Reviewer (p. v).

## **Presentations**

*underline denotes current or previous graduate student*

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### **Conference Presentations, Peer-Reviewed**

- Jansson, C., & **Shelton, R. N.** (2025, March 21). *Students’ Perceptions of Experiential Learning Company Projects in a Business Education Course*. Association of Collegiate Marketing Educators Annual Conference, Tulsa, OK.
- Rogers, R. M., Wilkerson, T. W., & **Shelton, R. N.** (2025, March 10). *The study in lesson study: Advocating for deeper content knowledge with preservice teachers* [Presentation]. Association of Teacher Educators Annual Meeting, New Orleans, LA.
- Coussens, R., & **Shelton, R. N.** (2025, March 10). *Without home wi-fi: High school students’ experiences with completing academic tasks* [Presentation]. Association of Teacher Educators Annual Meeting, New Orleans, LA.
- Kerschen, K., & **Shelton, R. N.** (2024, November 8). *Syllabi share for secondary mathematics methods courses* [Presentation]. School Science and Mathematics Association Convention, Knoxville, TN.
- Jones Davis, B. K., **Shelton, R. N.**, Kaul, C. R., Sanguras, L., & Howell, L. (2024, October 16). *Building connections: On-campus immersion experiences for online doctoral students* [Presentation]. Carnegie Project on the Education Doctorate Convening, Honolulu, HI.
- Werse, N. R., Smith, J., Howell, L., **Shelton, R. N.**, Jones Davis, B. K., & Sanguras, L. (2024, October 16). *The Composition Resource Guide: Setting transparent standards for the dissertation in practice for students, faculty, and administration* [Presentation]. Carnegie Project on the Education Doctorate Convening, Honolulu, HI.
- Shelton, R. N.**, Jones Davis, B. K., & Werse, N. R. (2024, October 15). *Addressing student imposter syndrome pre-dissertation: Strategies for success* [Presentation]. Carnegie Project on the Education Doctorate Convening, Honolulu, HI.
- Smith, J., Kaul, C. R., **Shelton, R. N.**, Werse, N. R., Jones Davis, B. K., & Howell, L. (2024, October 15). *Dynamic partnerships: Enhancing Ed.D. student progress with collaborative advising and creative defense committees* [Presentation]. Carnegie Project on the Education Doctorate Convening, Honolulu, HI.
- Willmore, S. E., & **Shelton, R. N.** (2024, March 15). *Exploring elementary educators’ self-efficacy on behavior data with peer coaching* [Poster presentation]. Council for Exceptional Children Convention & Expo, San Antonio, TX.
- Kaul, C., **Shelton, R. N.**, & Werse, N. R. (2023, November 2). *Dissertation readiness: An examination of doctoral student self-evaluations and faculty advisor ratings across cohorts* [Poster presentation]. Association for the Study of Higher Education, Virtual.

- Shelton, R. N.**, Kerschen, K., Cooper, S., Wilkerson, T. L., & Rogers, R. M. (2023, October 21). *Exploring mathematics preservice teachers' experiences in a summer field experience* [Presentation]. School Science and Mathematics Association Convention, Colorado Springs, CO.
- Valdez, J., & **Shelton, R. N.** (2023, October 19). *Exploring the thought processes of elementary mathematics dual language teachers* [Presentation]. School Science and Mathematics Association Convention, Colorado Springs, CO.
- Werse, N. R., Kaul, C., Howell, L., Smith, J., & **Shelton, R. N.** (2023, October 5). *Overcoming misaligned assessments to support student progress: When students and advisors assess dissertation progress differently* [Presentation]. Carnegie Project on the Education Doctorate Convening, Pensacola, FL.
- Kaul, C., Smith, J., Werse, N. R., **Shelton, R. N.**, Howell, L., & Davis, B. K. (2023, October 4). *Addressing pitfalls that disrupt the problem of practice dissertation writing process in online programs* [Presentation]. Carnegie Project on the Education Doctorate Convening, Pensacola, FL.
- Tilden, L. M., & **Shelton, R. N.** (2023, September 21). *The path to teaching emergency medical services: A multiple case study of paramedic educators' preparatory experiences* [Poster presentation]. EMS World Expo, New Orleans, LA.
- Valdez, J., & **Shelton, R. N.** (2023, September 16). *Exploring the thought processes of elementary mathematics dual language teachers* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Denton, TX.
- Jones, L., **Shelton, R. N.**, Wolff, L., & Gardner, A. (2023, June 28). *Fermi problems put the fun back into math* [Presentation]. Conference for the Advancement of Mathematics Teaching, Fort Worth, TX.
- Newberry, C., & **Shelton, R. N.** (2023, June 22). *Teachers' perceptions of barriers related to the implementation of individualized education plan supports and services during COVID-19: A single case study* [Poster presentation]. Education Leadership Data Analytics Conference, New York, NY.
- Willmore, S. E., & **Shelton, R. N.** (2023, June 22). *Exploring elementary educators' self-efficacy related to behavior data collection for behavior reduction before and after peer coaching: A multiple case study* [Poster presentation]. Education Leadership Data Analytics Conference, New York, NY.
- McCall, M., **Shelton, R. N.**, & Crowley, B. N. (2023, March 28). *Educators' perceptions of engaging in project-based learning in a doctoral-level course to design professional development* [Presentation]. Association of Teacher Educators Annual Meeting, Jacksonville, FL.
- Shelton, R. N.**, Smith, J., Scholten, N., & McCall, M. (2023, March 28). *Examining secondary PSTs' perceptions of confidence using a two-part video reflection* [Presentation]. Association of Teacher Educators Annual Meeting, Jacksonville, FL.
- Shelton, R. N.**, Giammarino, J. N., & Cox, T. L. (2023, March 28). *The importance of relationships to craft professional development using an instructional design model* [Presentation]. Association of Teacher Educators Annual Meeting, Jacksonville, FL.
- Newberry, C., & **Shelton, R. N.** (2023, March 3). *Teachers' perceived barriers related to implementation of individualized education plan supports and services during COVID-19* [Poster presentation]. Council for Exceptional Children Convention & Expo, Louisville, KY.
- Shelton, R. N.**, Rogers, R. M., Wilkerson, T. L., & Donham, M. P. (2022, October 28). *Implementing a modified lesson study with middle and secondary mathematics preservice teachers* [Presentation]. School Science and Mathematics Association Convention, Missoula, MT.
- Shelton, R. N.** (2022, September 17). *Mathematics teaching practices in secondary mathematics methods: Trends across mathematics teacher educators* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Corpus Christi, TX.

- Kaul, C. R., **Shelton, R. N.**, & Wershe, N. R. (2022, March 21). *Dissertation readiness: An examination of doctoral student self-evaluations and faculty advisor ratings* [Poster presentation]. Conference on Academic Research in Education, Virtual.
- Smith, J., **Shelton, R. N.**, Wershe, N. R., Kaul, C. R., & Crocker Papadakis, L. K. (2022, March 9). *Visiting the writing center in an online doctoral program* [Roundtable presentation]. International Writing Centers Association Online Collaborative, Virtual.
- Crocker Papadakis, L. K., Wershe, N. R., Smith, J., **Shelton, R. N.**, & Kaul, C. R. (2022, March 9). *Between student and advisor: A preliminary report on a mixed methods study comparing doctoral student self-assessments of their writing with dissertation advisor assessments* [Presentation]. International Writing Centers Association Online Collaborative, Virtual.
- Shelton, R. N.**, Kerschen, K., Wilkerson, T. L., & Donham, M. P. (2022, March 5). *Preservice teachers and vignettes: Identifying critical issues in mathematics education* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Grapevine, TX.
- Kerschen, K., **Shelton, R. N.**, & Wilkerson, T. L. (2021, October). *Vignette writing to support the development of pre-service teachers* [Presentation]. School Science and Mathematics Association Convention, Virtual.
- Rogers, R. M., **Shelton, R. N.**, & Wilkerson, T. L. (2021, February). *Implementing lesson study in mathematics: The impact on preservice teachers* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Virtual.
- Shelton, R. N.** (2021, February). *Examining the design of secondary mathematics methods courses through the lens of mathematics teaching practices* [Presentation]. Association of Mathematics Teacher Educators Annual Conference, Virtual.
- Rogers, R. M., **Shelton, R. N.**, & Wilkerson, T. L. (2021, February). *Lesson study with preservice teachers: The process, the benefits, and the challenges* [Presentation]. Association of Teacher Educators Annual Meeting, Virtual.
- Shelton, R. N.**, Kerschen, K., & Cooper, S. (2020, November). *The impact of a summer mathematics academy on students' early number sense: A two-year case study* [Presentation]. School Science and Mathematics Association Convention, Virtual.
- Shelton, R. N.** (2020, March). *Focusing on teaching practices in secondary mathematics methods courses* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Las Vegas, NV.
- Shelton, R. N.**, & Wilkerson, T. L. (2020, February). *Addressing planning for instruction and instructional strategies in secondary mathematics methods courses* [Presentation]. Association of Teacher Educators Annual Meeting, Atlantic City, NJ.
- Shelton, R. N.** (2019, November). *How do we design and plan for secondary mathematics methods courses?* [Presentation]. School Science and Mathematics Association Convention, Salt Lake City, UT.
- Wilkerson, T. L., **Shelton, R. N.**, & Wong, J. (2019, April). *Working together to develop an understanding of equity-based mathematics teaching practices* [Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Diego, CA.
- Shelton, R. N.**, Wilkerson, T. L., & Kerschen, K. (2018, October). *Planning for action: Professional development to support teaching practices* [Presentation]. School Science and Mathematics Association Convention, Little Rock, AR.
- Montgomery, M., & **Shelton, R. N.** (2018, September). *Writing for AMTE-TX's Journal of Mathematics Teacher Education in Texas, JMTE* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Nacogdoches, TX.
- Faulkenberry, E., Jorgensen, T., Quebec Fuentes, S., & **Shelton, R. N.** (2018, September). *Navigating the rapids: Research, advocacy, professionalism, instruction, development, service: Early career faculty* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Nacogdoches, TX.

- Shelton, R. N.**, Kerschen, K., & Cooper, S. (2018, April). *The impact of a summer mathematics academy on rising kindergartners' understanding of early number concepts* [Poster presentation]. National Council of Teachers of Mathematics Research Conference, Washington, DC.
- Wilkerson, T. L., Kerschen, K., & **Shelton, R. N.** (2018, April). *Examination of algebra teacher beliefs and mathematical teaching practices* [Poster presentation]. National Council of Teachers of Mathematics Research Conference, Washington, DC.
- Cooper, S., Wilkerson, T. L., Kerschen, K., **Shelton, R. N.**, & Crowley, B. N. (2018, February). *Varied field experiences for preservice teachers in a math academy* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Baton Rouge, LA.
- Wilkerson, T. L., Rogers, R. M., **Shelton, R. N.**, & Kerschen, K. (2018, February). *Connecting beliefs and teaching practices among teachers of algebra* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Baton Rouge, LA.
- Wilkerson, T. L., **Shelton, R. N.**, & Kerschen, K. (2018, February). *Engaging preservice teachers in developing an understanding of effective practices through the examination of critical issues in mathematics education* [Presentation]. Association of Teacher Educators Annual Meeting, Las Vegas, NV.
- Shelton, R. N.**, & Kerschen, K. (2018, January). *Exploring and making predictions by sampling and estimating: Promoting productive struggle* [Presentation]. Central Texas Council of Teachers of Mathematics Spring Conference, Waco, TX.
- Kerschen, K., **Shelton, R. N.**, & Wilkerson, T. L. (2017, November). *Developing preservice teachers' understanding of effective mathematical teaching practices using vignettes* [Presentation]. School Science and Mathematics Association Convention, Lexington, KY.
- Shelton, R. N.**, LeCompte, K., & Kerschen, K. (2017, October). *Building bridges: Ways to support member retention* [Poster presentation]. Kappa Delta Pi Convocation, Pittsburgh, PA.
- Shelton, R. N.**, & Kerschen, K. (2017, September). *Building a community of graduate student mathematics teacher educators* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Fort Worth, TX.
- Wilkerson, T. L., & **Shelton, R. N.** (2017, September). *Activities for mathematics preservice teachers to develop an understanding of equity-based practices* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Fort Worth, TX.
- Shelton, R. N.**, Kerschen, K., & Amos, E. (2017, July). *Finding equations of graphs using technology: Bringing it into focus* [Presentation]. Conference for the Advancement of Mathematics Teaching, Fort Worth, TX.
- Wilkerson, T. L., **Shelton, R. N.**, & Kerschen, K. (2017, April). *Supporting the development of preservice teachers using mini-vignettes* [Poster presentation]. National Council of Teachers of Mathematics Research Conference, San Antonio, TX.
- Cooper, S., **Shelton, R. N.**, & Kerschen, K. (2017, March). *A summer academy for early learners: Development of early number sense* [Presentation]. Annual Conference of the Research Council on Mathematics Learning, Fort Worth, TX.
- Cooper, S., Kerschen, K., & **Shelton, R. N.** (2017, February). *Early math academy for early learners: Varied field experiences for preservice teachers* [Presentation]. Association of Mathematics Teacher Educators Annual Conference, Orlando, FL.
- Amos, E., **Shelton, R. N.**, & Kerschen, K. (2017, January). *Finding equations of graphs using technology* [Presentation]. Central Texas Council of Teachers of Mathematics Spring Conference, Waco, TX.
- Shelton, R. N.**, & Musgrove, M. (2017, January). *Utilizing cooperative learning strategies in the mathematics classroom* [Presentation]. Central Texas Council of Teachers of Mathematics Spring Conference, Waco, TX.



- Shelton, R. N.** (2016, October). *Is mathematics only for the elite? Problem solving for all* [Roundtable presentation]. American Association of Curriculum and Teaching Annual Conference, Grand Rapids, MI.
- Wilkerson, T. L., Kerschen, K., & **Shelton, R. N.** (2016, September). *Supporting the development of preservice teachers using mini-vignettes* [Presentation]. Association of Mathematics Teacher Educators in Texas Fall Conference, Abilene, TX.
- Wilkerson, T. L., **Shelton, R. N.**, & Samuel, A. (2016, April). *Facilitating algebraic thinking development with appropriate tools and technology* [Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Francisco, CA.
- Shelton, R. N.** (2016, January). *S-pattern task: Algebraic thinking after algebra* [Presentation]. Central Texas Council of Teachers of Mathematics Spring Conference, Waco, TX.
- Shelton, R. N.**, & Dean, H. (2015, January). *Foldables and formative assessments for the secondary math classroom* [Presentation]. Central Texas Council of Teachers of Mathematics Spring Conference, Waco, TX.

### **Invited Presentations and Professional Development**

- Shelton, R. N.** (2024, September 16). *Making course materials affordable for EDC 6360 instructional design with a focus on case studies* [Roundtable presentation]. Baylor University's Seminar for Excellence in Teaching, Waco, TX.
- Rogers, R. M., Wilkerson, T. W., & **Shelton, R. N.** (2024, September 12). *The study in lesson study*. American Educational Research Association Lesson Study Special Interest Group: SIG 180, Virtual.
- Howell, L., Kaul, C., Smith, J., & **Shelton, R. N.** (2024, March 19). *Closing the assessment divide: Fostering mutual understanding between students and advisors in dissertation progress evaluation*. Carnegie Project on the Education Doctorate Tuesday Show and Tell, Virtual.
- Scott, L., Talbert, T. L., Wilkerson, T. L., Shanks, N., Cooper, S., Nesmith, S., Talbert, S., Hagan-Burke, S., McCall, M., Purdum-Cassidy, B., **Shelton, R. N.**, Smith, J., Cox, H., & Magill, K. (2023, March 27). *The Baylor experience part 1: A 100-year journey of light and learning* [Presentation]. Association of Teacher Educators Annual Meeting, Jacksonville, FL.
- Jones, L., & **Shelton, R. N.** (2022, October 11). *Reimagining estimation with Fermi problems* [Professional development workshop]. Central Texas Council of Teachers of Mathematics Fall Meeting, Virtual.
- Wilkerson, T. L., Rogers, R. M., **Shelton, R. N.**, Painter, L., & Anderson, H. (2021, April). *Empowering teacher and student voice: Examining math teaching and learning through lesson study* [Presentation]. National Council of Teachers of Mathematics Annual Meeting, Virtual.
- Rogers, R. M., Wilkerson, T. L., & **Shelton, R. N.** (2021, April). *Lesson study: The challenges faced with undergraduate implementation* [Presentation]. Lesson Study in Mathematics and Science Teacher Education Conference, Virtual.
- Shelton, R. N.** (2021, March). *Navigating KDP's scholarship process* [Workshop]. Presented at the Baylor University Kappa Delta Pi Beta Xi Spring Learning Series, Virtual.
- Shelton, R. N.**, & Donham, M. P. (2019, November). *Life, Cheerios, and Lucky Charms: Math discourse at the supermarket* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.** (2019, July). *Calling plans and discourse cards* [Professional development workshop]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.**, & Bowen, M. (2019, July). *The new playground: Linking questioning and discourse* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.** (2019, March). *Toxic troubles: Learning to address community concerns with mathematics* [Professional development]. Mathematics Teacher Academy, Waco, TX.

- Shelton, R. N., & Wong, J.** (2018, December). *Productive struggle: Use and connect multiple representations* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.** (2018, August). *Mix it up: Instructional strategies to engage and assess students* [Professional development]. First Baptist Christian School, Hillsboro, TX.
- Salisbury, K., & **Shelton, R. N.** (2018, July). *The secret number: HP Reveal* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.** (2018, July). *Exploring graphing activities to support productive struggle with Desmos* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N., & Bowen, M.** (2018, July). *S-pattern task: A task to support productive struggle* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N.** (2018, June). *At-bats in math class: Giving everyone a chance at the plate* [Professional development]. Texas Private Schools Conference, Waco, TX.
- Shelton, R. N.** (2018, April). Navigating KDP's scholarship process [Workshop]. Kappa Delta Pi Beta Xi Membership, Waco, TX.
- Shelton, R. N., & Kerschen, K.** (2018, March). *Postage stamp vignette activity* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N., & Kerschen, K.** (2018, March). *Tutoring with cooperative learning strategies* [Professional development]. Student-Athlete Center for Excellence at Baylor University, Waco, TX.
- Kerschen, K., & **Shelton, R. N.** (2017, December). *Exploring multiple representations with Desmos* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Kerschen, K., & **Shelton, R. N.** (2017, December). *Strategies for tutoring mathematics* [Professional development]. Baylor University Student-Athlete Center for Excellence Staff, Waco, TX.
- Shelton, R. N., & Kerschen, K.** (2017, July). *Trains, tables, and chairs: Pattern tasks to support algebraic thinking in grades 5–8* [Professional development]. Mathematics Teacher Academy, Waco, TX.
- Shelton, R. N., & Kerschen, K.** (2017, July). *How fast can you go? Using CBRs to support algebraic thinking in grades 9–12* [Professional development]. Mathematics Teacher Academy, Waco TX.
- Shelton, R. N.** (2017, June). *Pattern tasks to support algebraic thinking in K–12* [Professional development]. Texas Private Schools Conference, Waco, TX.
- Shelton, R. N., & Terry, K.** (2016, August). *Building structures* [Professional development]. STEM for Young Learners Professional Development Kick-Off Event for Waco ISD Teachers, Waco, TX.
- Shelton, R. N.** (2016, June). *Math in the 21<sup>st</sup> century* [Professional development]. Texas Private Schools Conference, Waco, TX.

### **University Teaching, Baylor University**

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- EDC 6393: Problem of Practice Dissertation Capstone – Spring 2023, Fall 2023, Fall 2024, Spring 2025.
- EDC 6333: Problem of Practice Dissertation Three – Fall 2022, Summer 2023, Summer 2024, Fall 2024, Spring 2025.
- EDC 6360: Instructional Design – Spring 2021, Summer 2021, Spring 2022, Summer 2022, Fall 2022, Spring 2023, Summer 2023, Spring 2024, Summer 2024, Fall 2024.
- EDC 6V99: Dissertation Hours – Spring 2024, Summer 2024, Fall 2024.
- EDC 6390: Seminar in Education – Spring 2024.
- EDC 6391/2: Problem of Practice Dissertation One and Two – Fall 2021, Summer 2022, Fall 2023.
- EDC 6336: Qualitative Research and Analysis – Fall 2020, Fall 2021, Spring 2022.
- EDC 5333: Mathematical Immersion to Advance Understanding – Fall 2021.

- EDC 5335: Research in Algebraic Thinking – Summer 2021.  
 TED 3641: Teaching Associate Secondary – Spring 2021.  
 TED 4349: Critical Issues in Mathematics Education – Spring 2019, Spring 2020, Spring 2021.  
 EDC 5350: Teaching for Understanding – Fall 2020.  
 TED 3383: Secondary Math Practicum I – Fall 2017, Fall 2020.  
 TED 1312: Introduction to Teaching – Fall 2019, Fall 2020.  
 EDC 5310: Principles and Strategies for Effective Discipline and Classroom Management – Summer 2020.  
 TED 3341: Teaching Associate Secondary II – Spring 2020.  
 TED 4640–3: Internship, Secondary Math – Fall 2018, Spring 2019, Fall 2019, Spring 2020.  
 TED 4348: Secondary Math Curriculum – Fall 2018, Fall 2019.  
 TED 3384: Secondary Math Practicum II – Spring 2018.  
 TED 2340: Teaching in Secondary Schools – Fall 2016, Spring 2017.

## **Professional Service**

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### **National Service**

#### School Science and Mathematics Association

Publications Committee Member, 2024–Current.

Manuscript Reviewer, *School Science and Mathematics*, Ad Hoc, 2023, 2024.

Conferences Committee Member, 2020–2023.

Annual Convention Proposal Reviewer, 2022, 2023.

#### Service Not Affiliated with a Professional Organization

Manuscript Reviewer, *Methods in Psychology*, Special Issue on Mathematics Education Research, 2025.

Book Chapter Reviewer, *Global Perspectives on Online Education During a Time of Emergency*, 2023.

#### Kappa Delta Pi

Grant Reviewer, Classroom Teacher Grants, 2017, 2018, 2021, 2022, May/October 2024.

Scholarship Reviewer, Kappa Delta Pi Undergraduate Student Scholarships, 2024.

#### Carnegie Project on the Education Doctorate

Convening Proposal Reviewer, 2024.

#### Association of Mathematics Teacher Educators

Conference Proposal Reviewer, 2020–2024.

#### National Association of School-University Partnerships

Guest Co-Editor, Volume 17.2 of *School-University Partnerships*, 2023–2024.

#### Research Council on Mathematical Learning

Manuscript Reviewer, *Investigations in Mathematics Learning*, Ad Hoc, 2021, 2023.

#### National Council of Teachers of Mathematics

Book Chapter Reviewer, *NCTM High School Publication Currently Untitled*, 2023.

Research Conference, Conference Proposal Reviewer, 2017, 2018.

#### Association of Teacher Educators

Annual Convention Newcomers Breakfast Roundtable Host, 2023.

Annual Convention Special Events Committee Member, 2021–2023.

#### National Association for Gifted Children

Manuscript Reviewer, *Journal of Advanced Academics*, Ad Hoc, 2021.

### **State and Local Service**

#### Association of Mathematics Teacher Educators in Texas

Secretary, 2021–2024.

Manuscript Reviewer, *Journal of Mathematics Teacher Education in Texas*, Ad Hoc, 2022, 2024.

Fall Conference Proposal Reviewer, 2021, 2022, 2023, 2024.

Program Committee, Fall Conference, 2020, 2022, 2023.

Membership Chair, 2019–2021.  
 Program Chair, Fall Conference, 2019.  
 Co-Editor, *Journal of Mathematics Teacher Education in Texas*, 2017–2019.  
 Tenth Anniversary Committee, 2018–2019.  
 Fall Conference Registration Committee, 2018.  
 Texas Council of Teachers of Mathematics  
 Manuscript Reviewer, *Texas Mathematics Teacher*, Ad Hoc, 2019, 2020, 2024.  
 Editorial Board, *Texas Mathematics Teacher*, 2020–2022.  
 Texas Association for the Gifted and Talented  
 Manuscript Reviewer, *TEMPO+*, Ad Hoc, 2023.  
 Central Texas Council of Teachers of Mathematics  
 Vice President for College and University, 2021–2023.  
 Co-Chair, Preservice Teacher Breakfast at Spring Conference, 2022, 2023.  
 Newsletter/Website Editor, 2017–2019.  
 Officer Nominations Committee, 2017.  
 Kappa Delta Pi, Honor Society in Education, Beta Xi Chapter at Baylor University  
 President, 2018–2019.  
 Vice President, 2017–2018.  
 Membership Chair, 2016–2017.

## **University Service**

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### Baylor University

Teaching, Learning, and Technology Committee, 2023–Current.  
 Graduate Student Association, Baylor University, Department Representative, 2016–2018.  
 Graduate Student Association, Baylor University, Academic Affairs Committee, 2016–2018.  
 Scholarly Communications Committee, Committee Member, 2016.  
 School of Education Online Programs, EdD in Learning and Organizational Change Program  
 EdD-LOC Dissertation Award Working Group, 2025–Current.  
 EdD-LOC Affiliate Faculty Task Force, 2024–Current.  
 EdD-LOC Faculty Role Descriptions Task Force, 2024–Current.  
 Course Lead, EDC 6360: Instructional Design, 2022–Current.  
 EdD-LOC Application Reviewer, 2021–Current.  
 EdD-LOC Program Revisions for Course Templates Working Group, 2023–2024.  
 EdD-LOC Research and Publications Committee, Committee Member, 2022–2024.  
 Course Lead, EDC 6333: Problem of Practice Dissertation Phase Three and Capstone, 2023.  
 Course Lead, EDC 6391/2: Problem of Practice Dissertation Phase One and Two, Summer 2022.  
 Baylor Emerging Research Conference (BERC), Session Host, 2022.  
 Department of Curriculum and Instruction  
 Search Committee Member, Lecturer/Senior Lecturer in Elementary Education, 2024–2025.  
 Search Committee Member, Chair for the Department of Curriculum and Instruction, 2023–2024.  
 Cherry Award Winner Departmental Planning Committee, Committee Member, 2022–2023.  
 Professional Education Faculty (PEF), Committee Member, 2019–2021.

### **Dissertation Committee Chair**

Rushton, J. (Expected December 2025). Teaching New Technical College Instructors How to Teach: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.  
 Spooner, K. J. (Expected August 2025). Filling the Motivation Gap: A Single Case Study Exploring Multi-Impacted Nontraditional Undergraduate Students' Perceptions of the Factors that Influence their Motivation to Learn [Ed.D. Problem of Practice Dissertation]. Baylor University.

- Coussens, R. C. (Expected May 2025). Wi-Fi Aspiration: A Single Case Study of Western Michigan High School Students and the Perceived Relationship Between Internet Access and Academic Success [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Little, R. (Expected May 2025). Faculty Attitudes Toward Students with Invisible Disabilities: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Ortega, J. M. (Expected May 2025). Artificial Intelligence: A Single Case Study Exploring How Teachers Leverage Education's Newest Resource [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Rockwell-Hopkins, M. (Expected May 2025). Employee Engagement and Retention: A Single Case Study of Medical School Department Leaders Perceptions in a Large Midwest University [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Sharp, M. (December 2024). How Executives Describe Empowering Employees During Corporate Change: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Abell, A. (December 2023). Examining Admissions Variables as Predictors of Student Retention in a Small Bible College: A Quantitative Correlational Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Co-Chair with Corina R. Kaul.
- Bearden, M. (December 2023). Black Males' Perceived College Readiness and College Achievement After Attending a Charter High School: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Clanton, T. (December 2023). Thriving Through Their Eyes: A Single Case Study Exploring How Black Female Undergraduate Students Thrive at a Predominantly White Institution [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Feely, A. (December 2023). Exploring Student-Centered Learning in the College History Classroom: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Gammenthaler, K. (December 2023). The Transformative Effect of Generosity: A Single Case Study Exploring the Long-Term Implications of an Undergraduate Experiential Philanthropy Course [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Gonzalez, A. (December 2023). Hispanic Male Students' Perceptions of the Direct and Signal Influences that Affect their Academic Performance: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Harris, R. (December 2023). The Invisible Purple Sheep: A Multiple Case Study Exploring the Invisibility of Black Women Leaders in Research Administration in Higher Education [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Macbeth, A. (December 2023). Beyond Talk: A Multiple Case Study Exploring Athletic Directors' and Trainers' Perceptions of Mental Health Support Systems in College Athletics [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Mayfield, M. (December 2023). Exploring Employee Job Satisfaction and Job Dissatisfaction at NASA Headquarters: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Newberry, C. (December 2023). Elementary Special Education Teachers' Self-Determination and Perceptions of Barriers Related to the Implementation of Individualized Education Plans During the COVID-19 Pandemic: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Perez, S. (December 2023). A Single Case Study Exploring United States Navy Service Members' Perceptions of their Apprenticeship-Level Training [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Schoch, A. (December 2023). A Quantitative Examination of the Social-Emotional Competence, Beliefs About Social-Emotional Learning School Culture, and Job Satisfaction Among Teachers in Restorative Practice Schools [Ed.D. Problem of Practice Dissertation]. Baylor University. Co-Chair with Corina R. Kaul.

- Burroughs, D. L. (May 2023). Exploring the Principal Perspective on Teacher Attrition in Urban Education: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Godley, T. J. (May 2023). Raising the Rim: A Multiple Case Study to Investigate Academic Support for High School Basketball Players [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Jansson, C. (May 2023). Creating Value-Driven Learning Opportunities: A Single Case Study Exploring Experiential Learning Company Projects in a Business Education Course [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Khuwaja, S. (May 2023). Systemic Advocacy Leadership: A Multiple Case Study Exploring Systemic Change Through Perceptions of School Leaders and Teachers [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Tilden, L. M. (May 2023). The Path to Teaching Emergency Medical Services: A Multiple Case Study of Paramedic Educators' Preparatory Experiences [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Valdez, J. (May 2023). *Promoviendo el repertorio lingüístico*—Exploring the Automatic and Controlled Thought Processes of Third Through Fifth Grade Mathematics Dual Language Teachers in a West Texas Elementary School: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Waterman, S. R. (May 2023). Perceptions of Gender Norm Stereotypes and the Decision to Report Military Sexual Trauma: A Multiple Case Study of Enlisted Army National Guard Service Members [Ed.D. Problem of Practice Dissertation]. Baylor University.
- Willmore, S. E. (May 2023). Exploring Elementary Exceptional Educators' Self-Efficacy Related to Behavior Data Collection for Behavior Reduction Before and After Peer Coaching: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University.

### **Dissertation Committee Member**

- Chadwick, W. M. (May 2025). Charter School Secondary Educator Perceptions of Neurodiverse Learner Engagement: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Denny, J. (May 2025). Organizing Change: A Single Case Study Exploring the Perceptions of Self-Determination in High School Employees During a Building Renovation. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- McFarlin, S. (May 2025). The Tie that Binds: A Multiple-Case Study that Explores the Ways in Which Parents Perceive their Involvement in Their Special Education Children's Formal School Experiences [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Riordan, K. (May 2025). Storm, Stress, or Pathway to Success: A Qualitative Single Case Study Exploring How Teachers Design Developmental Experiences of Middle School Students to Maximize Academic Performance and Positive Youth Development. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Roberts, B. (May 2025). Exploring Teachers' Perceptions About How the Elements of the Positive Behavioral Interventions and Supports (PBIS) Model Work Together to Influence Positive Student Behavior: A Qualitative Single Case Study. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Rorie, R. N. (May 2025). How Can You Be What You Can't See?: A Multiple Case Study Exploring Black Women's Experiences in Senior Leadership Positions in Higher Education and the Strategies They Use to Combat Systemic Barriers. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Rosario, A. (May 2025). Breaking the Huddle: A Qualitative Multiple Case Study Exploring Role Incongruity Among Women in Athletic Senior Leadership Positions at NCAA Division I FBS Institutions. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.

- Woodrow, K. (May 2025). Hispanic Student Community College Success: A Qualitative Multiple Case Study Exploring Persistence at Two-Year Hispanic-Serving Institutions. [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Zuniga, A. (May 2025). First-Generation Hispanic College Students' Perceptions Regarding Their College Readiness Skills: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Jones, L. M. (August 2024). Coaching for Questioning: A Multiple Case Study of Middle and Secondary Mathematics Pre-Service Teachers [Ph.D. Dissertation]. Baylor University. Committee Member.
- Alvaradous-Phillander, P. (December 2023). Academic Self-Concept of First-Year Community College Students Enrolled in Developmental Courses: An Illustrative Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Brown, M. (December 2023). Undervalued and Unseen: A Multiple Case Study Exploring the Underrepresentation of African American Women in Division I Athletic Director Positions [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Cummings-Lewis, E. N. (December 2023). Unlocking the Early Impact: A Multiple Case Study on the Underrepresentation of Black Men as Early Childhood Educators—Exploring Their Career Choice, Retention, Long-term Sustainability, and Influence on Black Students [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Girard, F. (December 2023). Influencing New Teacher Retention: A Qualitative Single Case Study on K–12 Teachers' Experiences in Their First Five Years of Teaching [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Jones, K. (December 2023). Mastering A Profession: A Multiple Case Study on How Authentic Leadership Theory Drives Organizational Leader Development in the U.S. Army [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Loyd, A. (December 2023). Was College Really Worth It? A Multiple Case Study Exploring the Role of Student Loan Debt on the Decision-Making Processes of Female First-Generation College Students in the United States After Graduation [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Nelson, T. (December 2023). How Women in Science, Technology, Engineering, and Mathematics (STEM) Professions Describe the Benefits of Belonging to a Professional Network: A Multiple Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Pace, J. (December 2023). The Impact of Academic Advising Practices on Rural Community College Students' Self-Determination: A Single Case Study [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Asselin, S. N. (May 2023). In the Arena: A Multiple Case Study Understanding the Stories of Female Educators who Have Experienced Shame While Working in Texas Public Schools [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Carrera, E. (May 2023). First-Generation College Students: A Single Case Study Exploring the Frustrations and Celebrations of Earning a Bachelor's Degree [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Ferguson, C. M. (May 2023). Using a Trauma-Informed Approach to Put the Brakes on the School-to-Prison Pipeline: A Single Case Study of a Juvenile Justice Alternative Education Program's Transformation Using the Trust-Based Relational Intervention® [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.

- Hidalgo, E. (May 2023). *The Hurting Hero and the Camouflaged Consort: A Qualitative Collective Case Study to Identify Limitations to Help-Seeking Behaviors Among Active-Duty Enlisted Servicemembers and their Spouses at Goodfellow Air Force Base* [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- McCarthy, D. E. (May 2023). *Principal and Teacher Perspectives on Cultivating Fit in Catholic High Schools: A Multiple Case Study* [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Neuman, E. Y. (May 2023). *STEM Integration in Elementary Classrooms: A Quantitative Study Exploring Impediments and Improvements* [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.
- Saddler, A. (May 2023). *The Only Person in My Way is Me: A Multiple Case Study Exploring the Perspectives of Experienced School Principals Regarding the Impact of Executive Coaching* [Ed.D. Problem of Practice Dissertation]. Baylor University. Second Reader.

## Grants

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- Shelton, R. N.** (2023, Awarded). Baylor University's Academy for Teaching and Learning University Teaching Development Grant. \$1850. *ATL Grant to Attend the Carnegie Project on the Education Doctorate Annual Convening.*
- Macbeth, A., & Shelton, R. N.** (2023, Not Funded). National College Athletic Association Graduate Research Grant Program. \$2000. *Let them be something other than fine: A multiple case study to examine mental health support systems in college athletics.*
- Kaul, C. R., Smith, J., Crocker Papadakis, L. K., Werse, N. R., Davis, B., & **Shelton, R. N.** (2022, Awarded). International Writing Centers Association Research Grant. \$1000. *Writing apprehension, writing self-efficacy, and writing center engagement: A mixed methods study of online doctoral students through the dissertation writing process.*
- Shelton, R. N.** (2018, Not Funded). Charles Koch Foundation Travel Grant. \$1200. *Charles Koch Foundation Travel Grant to Attend the National Council of Teachers of Mathematics Annual Research Conference.*
- Shelton, R. N.** (2017, Awarded). Texas Council of Teachers of Mathematics Grant. \$800. *TCTM Grant to Attend the National Council of Teachers of Mathematics Annual Research Conference.*
- Shelton, R. N.** (2017, Fall, Awarded). Baylor University Graduate Student Association Grant.
- Shelton, R. N.** (2017, Spring, Awarded). Baylor University Graduate Student Association Grant.
- Shelton, R. N.** (2011, Awarded). Grapevine Colleyville ISD Education Foundation Grant, Colleyville, Texas.

## Awards

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- School Science and Mathematics Association Outstanding Early Career Scholar Award, 2024.
- Association of Mathematics Teacher Educators in Texas Early Career Faculty Conference Travel Award, 2022.
- School Science and Mathematics Association Dissertation Award, 2020.
- Dept. of Curriculum and Instruction Nominee for the Baylor University Outstanding Dissertation Award, 2020.
- Outstanding Graduate Student Instructor Award Nominee, Baylor University, 2016, 2017, 2018, 2019.
- School Science and Mathematics Association John Park Grad. Student Convention Travel Award, 2017, 2018.
- Association of Mathematics Teacher Educators in Texas Graduate Student Conference Travel Award, 2018.
- Barbara Day Laureate Scholarship: Kappa Delta Pi Endowed Scholarship, 2018.
- Gerald H. Read Laureate Scholarship: Kappa Delta Pi Endowed Scholarship, 2017.
- American Association for Teaching and Curriculum, Graduate Fellowship Award, 2016.



Hollis L. Caswell Laureate Scholarship: Kappa Delta Pi Endowed Scholarship, 2016.

Marcella L. Kysilka Doctoral Student Scholarship: Kappa Delta Pi Endowed Scholarship, 2015.

### **Fellowships and Honors**

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Online Faculty Institute Participant, Baylor University, 2024–Current.

Affordable Course Materials Summer Fellow, Baylor University, 2024.

Data Research Faculty Fellow, Baylor University, 2022.

Invited Participant, Lesson Study in Mathematics and Science Teacher Education Conference, 2020–2021.

Designing for Online Teaching Success, Baylor University, 2017.

Teaching Capstone in Higher Education, Baylor University, 2017.